

IN THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

Sub FI
1. (Cancelled)

2. (Currently Amended) A resilient clip for use in securing a first member to a second member, the resilient clip comprising:

a flange portion having an aperture, the aperture adapted to receive a threaded fastener to couple the second member to the flange portion;

an insertion portion configured to be inserted into a hole formed into the first member, the insertion portion being coupled to the flange portion; and

E1
a retaining portion coupled to the insertion portion and having first and second wing members, ~~each of the first and second wing members having opposite lateral edges, each of the first and second wing members being coupled to the insertion portion at a location between their opposite lateral edges~~ the first wing member having a pair of opposite lateral edges and being coupled to the insertion portion at a location between its opposite lateral edges, the second wing member having a pair of opposite lateral edges and being coupled to the insertion portion at a location between its opposite lateral edges, the first wing member being twisted about a first axis in a first direction, the second wing member being twisted about a second axis in the first direction, each of the first and second wing members

terminating at a tip portion, the tip portion of the first wing member and the tip portion of the second wing member being configured to co-engage the first member;

wherein each of the first and second axes are generally parallel a longitudinal axis of the retaining portion; and

wherein each of the tip portions is angled such that a lateral end of an associated one of the first and second wing members extends above an opposite lateral end of the associated one of the first and second wing members.

E 3. (Original) The resilient clip of Claim 2, wherein the tip portion is defined by an included angle of about 30° to about 80°.

4. (Original) The resilient clip of Claim 3, wherein the included angle of the tip portion is about 60°.

5. (Original) The resilient clip of Claim 2, wherein the tip portion has a flat edge for contacting the first member.

6. (Original) The resilient clip of Claim 2, wherein the tip portion has an edge for contacting the first member into which a plurality of teeth are formed.

7 & 8. (Cancelled)

9. (Previously Amended) A resilient clip for use in securing a first member to a second member, the resilient clip comprising:

a flange portion having an aperture, the aperture adapted to receive a threaded fastener to couple the second member to the flange portion;

an insertion portion configured to be inserted into a hole formed into the first member, the insertion portion being coupled to the flange portion; and

E
a retaining portion coupled to the insertion portion and having first and second wing members, the first wing member being twisted about a first axis in a first direction, the second wing member being twisted about a second axis in the first direction, each of the first and second wing members terminating at a tip portion the tip portion of the first wing member and the tip portion of the second wing member being configured to co-engage the first member;

wherein each of the first and second axes are generally parallel a longitudinal axis of the retaining portion; and

wherein the retaining portion includes first and second abutting flanges having a base that is spaced vertically apart from the first and second wing members, respectively, each of the bases of the first and second abutting flanges being configured to abut a surface of the first member opposite a surface into which the first and second wing members, respectively, are engaged.

10. (Original) The resilient clip of Claim 9, wherein the bases of the first and second abutting flanges are spaced apart from the flange portion.

E1 11. (Original) The resilient clip of Claim 9, wherein the bases of the first and second abutting flanges and the flange portion are disposed within a common plane.

12. (Previously Amended) A resilient clip for use in securing a first member to a second member, the resilient clip comprising:

a flange portion having an aperture, the aperture adapted to receive a threaded fastener to couple the second member to the flange portion;

an insertion portion configured to be inserted into a hole formed into the first member, the insertion portion being coupled to the flange portion; and

E1
a retaining portion coupled to the insertion portion and having first and second wing members, the first wing member being twisted about a first axis in a first direction, the second wing member being twisted about a second axis in the first direction, each of the first and second wing members terminating at a tip portion the tip portion of the first wing member and the tip portion of the second wing member being configured to co-engage the first member;

wherein each of the first and second axes are generally parallel a longitudinal axis of the retaining portion; and

wherein the insertion portion is defined by a pair of flanges that are spaced apart about a central axis of the resilient clip, each of the flanges having a first portion, a second portion and a third portion, the first portion being coupled to the flange portion and tapering inwardly toward the central axis and downwardly from the flange portion, the second portion being coupled to an end of the first portion opposite the flange portion and extending downwardly therefrom generally parallel the central axis, the third portion being coupled to an

end of the second portion opposite the first portion and tapering outwardly away from the central axis and upwardly toward the flange portion.

E1 13. (Original) The resilient clip of Claim 12, wherein each of the flanges further includes a fastener aperture formed into the first, second and third portions, the fastener aperture being configured to provide clearance for the fastener.

14. (Original) The resilient clip of Claim 12, the insertion portion has a pair of tapered sides that taper downwardly and inwardly toward the central axis.

15 - 17. (Cancelled)

18. (Previously Amended) A resilient clip for use in securing a first member to a second member, the resilient clip comprising:

a flange portion having an aperture, the aperture adapted to receive a threaded fastener to couple the second member to the flange portion;

an insertion portion configured to be inserted into a hole formed into the first member, the insertion portion being coupled to the flange portion;

E1 a retaining portion coupled to the insertion portion and having first and second wing members, the first wing member being twisted about a first axis in a first direction, the second wing member being twisted about a second axis in the first direction, each of the first and second wing members terminating at a tip portion the tip portion of the first wing member and the tip portion of the second wing member being configured to co-engage the first member;

a spacing structure having first and second flange members, the first flange member being coupled to the flange portion, the second flange member being coupled to an outer edge of the first flange member and tapering downwardly toward the retaining portion and outwardly from the flange portion;

wherein each of the first and second axes are generally parallel a longitudinal axis of the retaining portion; and

wherein the spacing structure further includes a coupling member that engages and fixedly couples the flange portion to the spacing structure.

19. (Original) The resilient clip of Claim 18, wherein the coupling member includes at least one weld protrusion, the weld protrusion extending through a protrusion aperture formed in the flange portion and thereafter being deformed to inhibit the withdrawal of the weld protrusion from the protrusion aperture.

E1

20 & 21. (Cancelled)

22. (Previously Amended) A resilient clip for use in securing a first member to a second member, the resilient clip comprising:

a flange portion having an aperture, the aperture adapted to receive a threaded fastener to couple the second member to the flange portion;

an insertion portion configured to be inserted into a hole formed into the first member, the insertion portion being coupled to the flange portion;

a retaining portion coupled to the insertion portion and having first and second wing members, the first wing member being twisted about a first axis in a first direction, the second wing member being twisted about a second axis in the first direction, each of the first and second wing members terminating at a tip portion the tip portion of the first wing member and the tip portion of the second wing member being configured to co-engage the first member;

a spacing structure having first and second flange members, the first flange member being coupled to the flange portion, the second flange member being coupled to an outer edge of the first flange member and tapering downwardly toward the retaining portion and outwardly from the flange portion;

wherein each of the first and second axes are generally parallel a longitudinal axis of the retaining portion; and

wherein the first flange member includes a recessed cavity sized to receive and locate the flange portion.

23. (Currently Amended) A resilient clip for engaging a structure, the resilient clip comprising:

E/ a body portion having a pair of flanges, ~~a pair of~~ first and second wing members and a pair of abutting members, ~~each of the wing members having a base portion having opposite lateral edges, the base portion of each wing member being coupled to an associated one of the flanges at a location between its opposite lateral edges~~ the first wing member having a first base portion with a pair of first opposite lateral edges, the first wing member being coupled to an associated one of the flanges at a location between the first lateral edges, the second wing member having a second base portion with a pair of second opposite lateral edges, the second wing member being coupled to another associated one of the flanges at a location between the second lateral edges, a ~~the first one of the wing members~~ member being twisted about a first axis in a first direction, a ~~the second one of the wing members~~ member being twisted about a second axis in the first direction, each of the first and second wing members terminating at a tip portion that is angled downwardly toward the base portion, the tip ~~portion~~ portions of the first and second wing members being configured to co-engage a first side of the structure and position a second side of the structure against the abutting members.

24. (Original) The resilient clip of Claim 23, wherein each of the tip portions has a flat edge for contacting the structure.

E1

25. (Original) The resilient clip of Claim 23, wherein each of the tip portions includes an edge with a plurality of teeth, the teeth being operable for contacting the structure.

26. (Original) The resilient clip of Claim 23, further comprising a flange portion coupled to the body portion, the flange portion including an aperture having a helical lip, the helical lip adapted to threadably engage a threaded fastener.

27. (Original) The resilient clip of Claim 26, further including a spacing structure having first and second flange members, the first flange member being coupled to the flange portion, the second flange member being coupled to an outer edge of the first flange member and tapering downwardly toward and outwardly from the body portion.

28 - 56. (Cancelled)

57. (Previously Amended) The resilient clip of Claim 2, wherein each of the first and second wing members further includes a base portion that is fixedly coupled to the insertion portion, the first and second wing members being twisted such that their tip portions are twisted relative to their base portion by an angle of about 5° to about 45°.

58. (Previously Added) The resilient clip of Claim 57, wherein the angle is about 30°.

E1 59. (Previously Added) The resilient clip of Claim 2, further including a spacing structure having first and second flange members, the first flange member being coupled to the flange portion, the second flange member being coupled to an outer edge of the first flange member and tapering downwardly toward the retaining portion and outwardly from the flange portion.

60. (Previously Added) The resilient clip of Claim 59, wherein the spacing structure is formed from a resilient material.

61. (Previously Added) The resilient clip of Claim 60, wherein the resilient material is plastic.

62. (Previously Added) The resilient clip of Claim 59, wherein the first flange member is circular in shape.

63. (Previously Added) The resilient clip of Claim 59, wherein the second flange member extends entirely around a perimeter of the first flange member.

64. (Previously Added) The resilient clip of Claim 23, wherein a lateral end of each tip portion includes a first lateral end and a second lateral end opposite the first lateral end, the first lateral end being nearest a central axis of the body portion and extending vertically above the second lateral end.

E 65 - 67. (Cancelled)

68. (Previously Added) The resilient clip of Claim 9, wherein each of the tip portions is angled such that a portion of an associated one of the first and second wing members nearest a centerline of the aperture in the flange portion is longer than a portion of the associated one of the first and second wing members farthest from the centerline of the aperture in the flange portion.

69. (Previously Added) The resilient clip of Claim 68, wherein the tip portion is defined by an included angle of about 30° to about 80°.

70. (Previously Added) The resilient clip of Claim 69, wherein the included angle of the tip portion is about 60°.

71. (Previously Added) The resilient clip of Claim 68, wherein the tip portion has a flat edge for contacting the first member.

72. (Previously Added) The resilient clip of Claim 68, wherein the tip portion has an edge for contacting the first member into which a plurality of teeth are formed.

E 73. (Previously Added) The resilient clip of Claim 9, wherein each of the first and second wing members further includes a base portion that is fixedly coupled to the insertion portion, the first and second wing members being twisted such that their tip portions are twisted relative to their base portion by an angle of about 5° to about 45°.

74. (Previously Added) The resilient clip of Claim 73, wherein the angle is about 30°.

75. (Previously Added) The resilient clip of Claim 9, further including a spacing structure having first and second flange members, the first flange member being coupled to the flange portion, the second flange member being coupled to an outer edge of the first flange member and tapering downwardly toward the retaining portion and outwardly from the flange portion.

76. (Previously Added) The resilient clip of Claim 75, wherein the spacing structure is formed from a resilient material.

E 77. (Previously Added) The resilient clip of Claim 76, wherein the resilient material is plastic.

78. (Previously Added) The resilient clip of Claim 75, wherein the first flange member is circular in shape.

79. (Previously Added) The resilient clip of Claim 75, wherein the second flange member extends entirely around a perimeter of the first flange member.

80. (Previously Added) The resilient clip of Claim 12, wherein each of the tip portions is angled such that a portion of an associated one of the first and second wing members nearest a centerline of the aperture in the flange portion is longer than a portion of the associated one of the first and second wing members farthest from the centerline of the aperture in the flange portion.

81. (Previously Added) The resilient clip of Claim 80, wherein the tip portion is defined by an included angle of about 30° to about 80°.

82. (Previously Added) The resilient clip of Claim 81, wherein the included angle of the tip portion is about 60°.

E1 83. (Previously Added) The resilient clip of Claim 80, wherein the tip portion has a flat edge for contacting the first member.

84. (Previously Added) The resilient clip of Claim 80, wherein the tip portion has an edge for contacting the first member into which a plurality of teeth are formed.

85. (Previously Added) The resilient clip of Claim 12, wherein each of the first and second wing members further includes a base portion that is fixedly coupled to the insertion portion, the first and second wing members being twisted such that their tip portions are twisted relative to their base portion by an angle of about 5° to about 45°.

86. (Previously Added) The resilient clip of Claim 85, wherein the angle is about 30°.

E 87. (Previously Added) The resilient clip of Claim 12, wherein the retaining portion includes first and second abutting flanges having a base that is spaced vertically apart from the first and second wing members, respectively, each of the bases of the first and second abutting flanges being configured to abut a surface of the first member opposite a surface into which the first and second wing members, respectively, are engaged.

88. (Previously Added) The resilient clip of Claim 87, wherein the bases of the first and second abutting flanges are spaced apart from the flange portion.

89. (Previously Added) The resilient clip of Claim 87, wherein the bases of the first and second abutting flanges and the flange portion are disposed within a common plane.

90. (Previously Added) The resilient clip of Claim 12, further including a spacing structure having first and second flange members, the first flange member being coupled to the flange portion, the second flange member being coupled to an outer edge of the first flange member and tapering downwardly toward the retaining portion and outwardly from the flange portion.

E1 91. (Previously Added) The resilient clip of Claim 90, wherein the spacing structure is formed from a resilient material.

92. (Previously Added) The resilient clip of Claim 91, wherein the resilient material is plastic.

93. (Previously Added) The resilient clip of Claim 90, wherein the first flange member is circular in shape.

94. (Previously Added) The resilient clip of Claim 90, wherein the second flange member extends entirely around a perimeter of the first flange member.

Sub
F1

95. (New) In combination, a resilient clip for engaging a structure, the resilient clip comprising a body portion for insertion downwardly into a hole formed in the structure, the body portion including a plurality of wing members, each of the wing members having a base portion and terminating at a tip portion that is angled downwardly toward the base portion, each of the tip portions being twisted about an axis such that an inwardly twisted end of the tip portion is positioned below an outwardly twisted end of the tip portion, the plurality of wing members cooperating with the structure to provide the resilient clip with a ratio of insertion force to pull-out force of about 0.04 to about 0.12.

E2

96. (New) The combination of Claim 95, wherein the ratio of insertion force to pull-out force is about 0.04 to about 0.10.

97. (New) The combination of Claim 95, wherein the resilient clip further comprises a flange portion coupled to the body portion, the flange portion including an aperture having a helical lip, the helical lip adapted to threadably engage a threaded fastener.

98. (New) The combination of Claim 97, wherein the resilient clip further includes a spacing structure having first and second flange members, the first flange member being coupled to the flange portion, the second flange member being coupled to an outer edge of the first flange member and tapering downwardly toward and outwardly from the body portion.

99. (New) The combination of Claim 95, wherein each of the tip portions has a flat edge for contacting the structure.

E2 100. (New) The combination of Claim 95, wherein each of the tip portions includes an edge with a plurality of teeth, the teeth being operable for contacting the structure.